

Claims

1. A curling iron, comprising:
steam used as a heat source of the iron;
a steam generator electrically operated to produce the steam, and
5 including a plurality of steam outlet ports, a plurality of steam supply control switches, a plurality of condensed water inlet ports, and a plurality of check valves for preventing a flow of the steam into the condensed water inlet ports;
a heating unit to transfer heat of the steam to a target material, the heating unit including:
10 a steam feeding tube connected to one of the steam outlet ports of the steam generator so as to feed the steam from the steam generator;
a steam storing/heat dissipating tube to receive the steam fed through the steam feeding tube, store the steam therein, and transfer heat of the steam to the target material;
15 a condensed water discharging unit connected to the steam storing/heat dissipating tube so as to discharge condensed water produced by a condensation of the steam in the steam storing/heat dissipating tube; and
a condensed water returning tube connected to the condensed
20 water discharging unit so as to return the condensed water from the condensed water discharging unit to the steam generator through one of the condensed water inlet port; and
curling tongs to support the heating unit so as to allow the heating unit to heat the target material while the curling tongs grasp the target material, the
25 curling tongs including:
a handle used as a grip of the curling tongs, with a part of the steam feeding tube passing through the handle;
a main arm connected to the handle, and supporting the steam storing/heat dissipating tube;

a sub-arm hinged to the main arm such that the sub-arm comes into contact with or moves away from the steam storing/heat dissipating tube; and

5 a lever connected to the sub-arm so as to allow a user to rotate the sub-arm relative to the main arm.